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UTILITY		Attorney Docket No.		520.43276X00							
PATENT APPLICATION		First Inventor		MOMOI, YASUYUKI							
TRANSMITTAL				POSITION MEASURING APPARATUS							
(Only for new nonprovisional applications under 37 CFR 1.53(b))			il I abol Ma				2				
APPLICATION ELEMENTS SEE MPEP chapter 600 concerning utility patent application contents.			Mail Stop Patent Application ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450								
(Submit an 2. Applicant c See 37 CF	nittal Form (e.g., PTO/SB/17) original and a duplicate for fee processing) aims small entity status. R 1.27	 CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) Nucleotide and/or Amino Acid Sequence Submission fif applicable, all necessary) Computer Readable Form (CRF) 									
3. Specification	in [Total Pages: 21] prangement set forth below)	 b. Specification Sequence Listing on: i. □ CD-ROM or CD-R (2 copies); or 									
-Descriptive -Cross Refo -Statement -Reference	e title of the invention erence to Related Applications Regarding Fed sponsored R & D to sequence listing, a table,	ii. □ paper c. □ Statements verifying identity of above copies									
or a compo Backgrour	ACCOMPANYING APPLICATION PARTS										
-Brief Sumi	mary of the Invention ription of the Drawings (if filed)	Assignment Papers (cover sheet & documents(s))									
-Detailed D -Claim(s) -Abstract o	10. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee) 11. English Translation Document (if applicable)										
5. Oath or Declaration	(35 U.S.C. 113) [Total Sheets: 8] [Total Sheets:]	12. Information Disclosure, Copies of IDS Citations Statement (IDS)/PTO-1449									
a. Newly exe	13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)										
Sig	ELETION OF INVENTOR(S) ned statement attached deleting inventor(s) med in the prior application, see 37 CFR	15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122									
Named in the prior application, see 37 CFR (b)(2)(B)(i). Applicant must attach form PTO/SB/35 1.63(d)(2) and 1.33(b) or its equivalent.											
6. Application	Data Sheet. See 37 CFR 1.76	17. 🛭 Othe									
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) Of prior application No.: Prior application information: Examiner: Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.											
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.											
19. CORRESPONDENCE ADDRESS											
Customer Number 020457 OR Correspondence address below											
Name ANTONELLI, TERRY, STOUT & KRAUS, LLP											
Address		Ctata		·	Zip Code						
Country		State Telephone	(703) 312-6600	•	Fax.	(703) 312-6666					
Country Name (Print/Type)	الر Paul المراد, Skwierawski		Registration No. (32,173					
Signature	Paul A Skuruarsh	<u> </u>	3 2. 2. (Date	November 20, 200	03				
	y with the same										

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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EEE TOANSMITTAL			Complete if Known							
FEE TRANSMITTAL	Αp	Application Number								
for FY 2004		Filing Date		• •	November 20, 2003					
5 for FY 2004	Fir			entor	MOMOI, YASUYUKI					
Effective 10/01/2003. Patent fees are subject to annual revision.	Ex	Examiner Name								
Ö		Art Unit								
Applicant claims small entity status. See 37 CFR 1.27		· · · · · · · · · · · · · · · · · · ·								
TOTAL AMOUNT OF PAYMENT (\$) 770.00	Att	Attorney Docket No. 520.43276X00								
METHOD OF PAYMENT (check all that apply)	· .	FEE CALCULATION (continued)								
☐ Check ☐ Credit Card ☐ Money ☐ Other ☐ None	3. AD	. ADDITIONAL FEES								
Order										
Deposit Account: Deposit Deposit										
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Number ————————————————————————————————————	Fee	Fee	Fee	Fee		Fee Paid				
Account Antonelli, Terry, Stout & Kraus, LLP	Code		Code 2051	(\$)	Fee Description					
Name The Director is authorized to: (check all that apply)		130 .			surcharge – late filing fee or oath	· · · · · · · · · · · · · · · · · · ·				
☐ Charge fee(s) indicated below ☐ Credit any overpayments	1052	50	2052		surcharge – late provisional filing fee or over sheet					
	1053	130	1053		lon-English specification					
☐ Charge any additional fee(s) during the pendency of this application.	1812	2,520	1812	2,520 F	or filing a request for ex parte reexamination					
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1804	920*	1804		Requesting publication of SIR prior to	7				
FEE CALCULATION	1805	1,8401	1805	_	xamination action Requesting publication of SIR after	·				
1. BASIC FILING FEE		1,040	1000		xaminer action					
Large Entity Small Entity	1251	110	2251	55 E	xtension for reply within first month					
Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)		420	2252		xtension for reply within second month .					
1001 7.70 2001 385 Utility filing fee 770.00		950	2253		xtension for reply within third month					
1002 340 2002 170 Design filing fee		1,480	2254		xtension for reply within fourth month					
1003 530 2003 265 Plant filing fee		2,010	2255		xtension for reply within fifth month					
1004 770 2004 385 Reissue filing fee		330 330	2401 2402		lotice of Appeal iling a brief in support of an appeal	· ·				
1005 160 2005 80 Provisional filing fee		290	2402		Request for oral hearing					
SUBTOTAL (1) 770.00	-	1,510	1451		etition to institute a public use proceeding					
170.00		110	2452		Petition to revive – unavoidable					
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from	1453 -	1,330	2453	665 P	Petition to revive – unintentional					
Extra Claims below Fee Paid	1501	1,330	2501	665 · L	Itility issue fee (or reissue)	-				
Total Claims 13 -20** = 0 x 18.00 = 0.00	1502	480	2502	240 C	Design issue fee	-				
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Claims Multiple Dependent 290.00 = 0.00		130	1460		Petitions to the Commissioner	<u> </u>				
Multiple Dependent 290.00 = 0.00 Large Entity Small Entity		50	1807		Processing fee under 37 CFR 1.17(q)					
Fee Fee Fee Fee Fee Description		180	1806		Submission of Information Disclosure Stmt	<u> </u>				
Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20	8021	40	8021	40 F	Recording each patent assignment per roperty (times number of properties)					
1201 86 2201 43' Independent claims in excess of 3	1809	770	2809	385 F	iling a submission after final rejection					
1203 290 2203 145 Multiple dependent claim, if not paid	1910	770	2810		37 CFR § 1.129(a))					
1204 86 2204 43 ** Reissue independent claims	1810 .	.'''	2810		or each additional invention to be xamined (37 CFR § 1.129(b))	<u> </u>				
over original patent 1205 18 2205 9 ** Reissue claims in excess of 20	1801	770	2801	385 F	Request for Continued Examination (RCE)					
and over original patent	1802	900	1802		Request for expedited examination					
SUBTOTAL (2) \$[0.00				. 0	f a design application	1				
**or number previously paid, if greater, For Reissues, see above.	Other fo	ee (spe	cify)	- E						
Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)										
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Stwierawski

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Registration No.

(Attorney/Agent)

32,173

703-312-6600

11/20/2003

Telephone